

In the specification:

Please amend the specification as follows:

At page 3, lines 2-3:

--related to various diseases including breast cancer (Breast Cancer Res Treat., ~~2003~~ 2001, 66(3):255-263),--

At page 5, lines 7-10:

--SAGE can be performed either by conventional method or by manufacturer's protocol (InvitrogenTM life technologies) (~~http://www.invitrogen.com~~).--

At page 5, line 12:

--The mark in bracket after the name of gene means ~~GenBank~~ GENBANK[®]--

At page 11, line 13:

--The genes were compared with others deposited at ~~GenBank~~ GENBANK[®]--

At page 12, lines 16-19:

The defects of NK cell differentiation and activation result in various cancers, for example, breast cancer (Breast Cancer Res Treat., ~~2003~~ 2001, 66(3):255-263),

At page 19, lines 1-3:

--Precisely, the obtained nucleotide sequence was compared with other sequences of genes deposited at ~~GenBank~~ GENBANK[®] to identify it.--

At page 19, lines 12:

--In the present invention, a conventional program (cluster and treeview computer program, ~~http://rana.1b1.gov~~) widely used for clustering of SAGE results was used.--

At page 28, lines 8-10:

--Experimental SAGE tag was matched with reference SAGE database (~~http://www.hpc1.cs.uchicago.edu/gist~~).--

At page 28, lines 16-17:

--A clustering computer program (cluster and treeview computer program, ~~http://rana.1b1.gov~~) was used--

At page 28, line 1:

--in a mouse, which was filed in ~~GenBank~~ GENBANK[®].--

At page 31, line 18:

--such as granzyme (~~GenBank~~ GENBANK[®] ID NM_013542), NKG2A (~~GenBank~~ GENBANK[®] ID AF106008),--

At page 32, lines 1-6:

--2B4 (~~GenBank~~ GENBANK[®] ID L19057), Ly49Q (~~GenBank~~ GENBANK[®] ID AB033769) and CD94 (~~GenBank~~ GENBANK[®] ID AF057714) were big in mNK cells but were not counted in HSC and pNK cells, either. IL-15 (~~GenBank~~ GENBANK[®] ID U14332) was detected only in HSC and pNK cells. The expression of ID2 (~~GenBank~~ GENBANK[®] ID BC006951) began from the stage of pNK cells (Table 2).--

At page 33, Table 3:

Gene	GenBank	HSC	pNK	MNK	MNK
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	<u>GENBANK[®]</u> ID			(-OP9)	(+OP9)
Homeobox protein MIX	AF15457	28	0	0	0
Pre-pro-proteinase 3	U97073	28	0	0	0
Myeloblastosis (Myb) oncogene	M16499	11	1	0	1
Keratin complex 1, acidic, gene 13	NM_010662	9	0	0	0
PA-phosphatase related phosphoesterase	AK002966	8	0	1	1
Interleukin 1 receptor-associated kinase	AK009132	7	0	0	0
Gamma-parvin	BC011200	6	0	0	0
Forkhead-related transcription factor 1C	AF330105	4	1	1	0
RIKEN cDNA 5730501N20 gene	AK017744	4	1	0	0
c-myc protein	X010223	4	0	0	1
Ribosomal protein L10A	AK002613	4	0	1	0
Oct 2b gene	X53654	4	0	0	0
Microlite	AK015601	4	0	0	0
Dihydrolipoamide dihydrogenase	BC003368	4	0	0	0
Tracle	U81030	4	0	0	0

At page 35, Table 4:

Gene	GenBank <u>GENBANK®</u> ID	HSC	pNK	MNK (-OP9)	MNK (+OP9)
Lysozyme	BC002069	14	1321	2	3
Ferritin H chain	BC012314	25	962	7	18
Brevican	X87096	7	259	1	1
Matrix metalloproteinase 12	BC019135	0	69	0	0
EIA-stimulated gene cellular inhibitor	AF084524	5	45	7	1
c-kit ligand	M64262	0	62	0	0
S100 calcium binding protein A9	BC027635	1	42	0	1
MPS1 protein	L20315	1	35	0	0
Transglutaminase 2	BC016492	0	25	1	1
Serum and glucocorticoid regulated protein kinase	AF139639	0	20	0	0
RIKEN cDNA 5830413L19	BC027496	0	18	0	0
Beta 2-microglobulin mRNA	M10416	0	17	0	0
Interferon-induced protein	BC003804	0	17	0	0
Milk fat globul membrane protein EGF factor 8	BC018577	3	16	0	1
Fc gamma receptor	M14215	3	15	1	1
Cell-surface glycoprotein p91	U83172	0	13	0	1
Arginase 1	BC050005	0	12	0	0
Tumor Necrosis	M59378	1	12	0	2

factor receptor 1					
Retinoid-induced serine carboxypeptidase	AF330052	2	11	0	0
Unidentified protein FLJ11000 homologue	BC023802	0	11	2	0
Interleukin-18 binding protein d precursor	AF110803	0	10	0	0
Chloride channel 7	AK009435	0	9	1	0
CD36 antigen	BC010262	0	8	0	0
Zink finger protein homologue	BC030186	1	8	1	0
Carbohydrate binding protein 35	J03723	0	7	3	0
C-type calcium dependent carbohydrate	BC003218	0	7	0	0
Lipoprotein lipase	NM_008509	0	7	0	0
v-maf lacertus fibrosarcoma oncogene	BC038256	0	6	0	0
Interleukin 7 receptor	NM_008372	0	5	0	0
Chemokine (C-C) receptor 1	BC011092	0	5	0	0
Neurophilline (MGD MGI:106206)	AK002673	0	5	0	0

At page 37, Table 5:

Gene	GenBank <u>GENBANK®</u> ID	HSC	pNK	MNK (-OP9)	MNK (+OP9)
SERPINA3G	XM_127137	2	0	29	45
GABA-A receptor subunit 6	X51986	0	0	16	44

LAPTM5	U51239	5	4	18	25
G-protein signal regulator	BC049968	0	0	0	17
Decoy- stimulating factor GPI fixed mRNA	L41366	0	0	0	12
Y box protein 3	AK019465	0	0	10	17
Osteopontin precursor	J04806	0	1	2	14
Amyloid beta (A4) precursor protein-binding family	AK021331	2	0	5	12
T cell receptor beta subunit analogue	U63547	0	0	8	11
Immune related nucleotide 1	BC005577	0	0	9	0
Higher stage transcription factor 1	NM_009480	0	1	0	8
Olfactory receptor MOR267-7	NM_146714	0	0	0	8
Lymphocyte specific protein tyrosine kinase	M12056	0	0	7	1
Osteoclast cancer inhibitor	AB013898	1	1	0	7
Platelet active receptor homologue	BC024054	0	1	3	7
Natural killer cell protein 2- A1	AF016008	0	0	3	6
Unidentified protein MGC36662	BC023851	0	1	2	6
Semaphorin 6A precursor homologue	AK004390	0	0	6	2

Fyn proto-oncogene	BC032149	0	0	5	5
Neurofilament homologue, polypeptide	BC025872	0	0	2	5
Cornin homologue, actin binding protein 2A	BC026634	1	1	6	2
Solute transmitting family 6	BC015245	1	1	6	5
Temporary purine receptor P2Y10 homologue	AK020001	0	0	5	4
T cell receptor gamma chain	X03802	0	1	5	4
Poly A polymerase alpha	NM_011112	0	0	5	3
OPA-related protein OIP5 analogue	AK017825	0	0	5	1
Mytogen activated protein kinase 1 analogue	BC006708	1	0	5	4

At page 46, lines 9-10:

- - ~~Nucleotide~~ Amino acid sequence represented by SEQ. ID. No 48 is the amino acid sequence of a mouse protein. - -